# Wi-Fi CERTIFIED® Certificate

This certificate lists the features that have successfully completed Wi-Fi Alliance interoperability testing. Learn more: www.wi-fi.org

## Certification ID: WFA116550

## Product Info

| | |
|---|---|
| **Date of Certification** | April 6, 2022 |
| **Company** | Snap One, LLC |
| **Product Name** | Araknis Networks® 820-series Wi-Fi 6 AX3600 Indoor Wireless Access Point |
| **Product Model Variant** | AN-820-AP-I-1 |
| **Model Number** | AN-820-AP-I |
| **Category** | Routers |
| **Sub-category** | Enterprise/Service Provider Access Point, Switch/Controller or Router |

## Summary of Certifications

| CLASSIFICATION | CERTIFICATION |
|---|---|
| **Network management** | WMM®<br>Wi-Fi Agile Multiband™ |
| **Security** | Protected Management Frames<br>WPA2™-Enterprise 2018-04<br>WPA2™-Personal 2021-01<br>WPA3™-Enterprise 2020-02<br>WPA3™-Personal 2020-12 |
| **Wi-Fi (MAC/PHY)** | 2.4 GHz Spectrum Capabilities<br>5 GHz Spectrum Capabilities<br>Wi-Fi CERTIFIED 6®<br>Wi-Fi CERTIFIED™ a<br>Wi-Fi CERTIFIED™ ac<br>Wi-Fi CERTIFIED™ b<br>Wi-Fi CERTIFIED™ g<br>Wi-Fi CERTIFIED™ n |

# Wi-Fi CERTIFIED® Certificate

## Certification ID: WFA116550

## Wi-Fi Components

**Wi-Fi Component Operating System**

Linux 4.4.60

**Wi-Fi Component Firmware**

1.0.00

**RF Architecture**

| Bands Supported | Transmit (Tx) | Receive (Rx) |
| --- | --- | --- |
| 2.4 GHz | 4 | 4 |
| 5 GHz | 4 | 4 |

**Wi-Fi Component Operating System**

Linux 4.4.60

**Wi-Fi Component Firmware**

1.0.00

**RF Architecture**

| Bands Supported | Transmit (Tx) | Receive (Rx) |
| --- | --- | --- |
| 2.4 GHz | 4 | 4 |
| 5 GHz | 4 | 4 |

## Certifications

### 2.4 GHz Spectrum Capabilities

20 MHz Channel Width in 2.4 GHz
40 MHz Channel Width in 2.4 GHz

### 5 GHz Spectrum Capabilities

20 MHz Channel Width in 5 GHz
40 MHz Channel Width in 5 GHz
80 MHz Channel Width in 5 GHz

### Protected Management Frames

### WMM®

### WPA2™-Enterprise 2018-04

### WPA2™-Enterprise 2018-04 (continued)

EAP methods

### WPA2™-Personal 2021-01

### WPA3™-Enterprise 2020-02

EAP methods

### WPA3™-Personal 2020-12

### Wi-Fi Agile Multiband™

Fast Transition OTA on WPA2-Personal

### Wi-Fi CERTIFIED 6®

## Wi-Fi CERTIFIED 6® (continued)

4 antenna support

A-MPDU with A-MSDU

DL MU-MIMO

DL OFDMA

Individual Target Wake Time

LDPC Rx

LDPC Tx

MCS 8-9 Rx

MCS 8-9 Tx

MCS 10-11 Rx

MCS 10-11 Tx

M-BSSID

Operating mode subfield in A-Control field

Operating mode indication

Operating mode UL MU Rx

SU beamformer

SU-MIMO

UL OFDMA

## Wi-Fi CERTIFIED™ a

## Wi-Fi CERTIFIED™ ac

RTS with BW Signaling

A-MPDU with A-MSDU

DL MU-MIMO

LDPC Rx

LDPC Tx

MCS 8-9 Rx

Short Guard Interval

STBC

SU beamformer

## Wi-Fi CERTIFIED™ b

## Wi-Fi CERTIFIED™ g

## Wi-Fi CERTIFIED™ n

OBSS on Extension Channel

Short Guard Interval

STBC

A-MPDU Tx